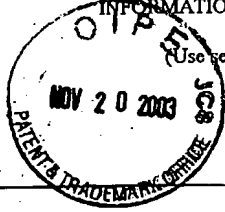
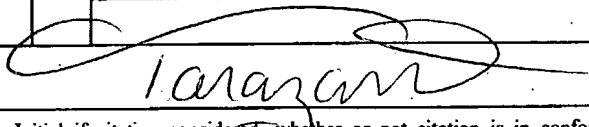


Form PTO-1449 (REV. 8-83)		US Dept. of Commerce PATENT & TRADEMARK OFFICE		ATTY DOCKET NO. 101050		APPLICATION NO. 09/101,083	
INFORMATION DISCLOSURE STATEMENT (attach several sheets if necessary)				APPLICANT(S) Satoru MIYASHITA et al.			
				FILING DATE July 8, 1998		GROUP 1773	
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	
 		5,041,190	08/1991	DRAKE et al.	156	647	
		5,713,278	02/1998	KAWANO et al.	101	128.4	
		5,742,129	04/1998	NAGAYAMA et al.	315	167	
		5,771,562	06/1998	HARVEY, III et al.	29	592.1	
		5,935,331	08/1999	NAKA et al.	118	319	
		5,997,122	12/1999	MORIYAMA et al.	347	11	
		6,195,142 B1	02/2001	GYOTOKU et al.	349	69	
		6,187,457 B1	02/2001	ARAI et al.	428	690	
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	
		JP-A-7-235378 (w/ English Language Abstract and Translation)	5/1995	Japan			
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)							
		"Electroluminescence in Conjugated Polymers;" R. H. Friend, R. W. Gymer, A. B. Holmes, J. H. Burroughes, R. N. Marks, C. Taliani, D. D. C. Bradley, D. A. Dos Santos, J. L. Bredas, M. Logdlund & W. R. Salaneck; Nature, Vol. 397, 14 January 1999.					
		Opto-Electronic Properties of Disordered Organic Semiconductors, Proefschrift, Michel Cornelis Josephus Marie Vissnberg, geboren te Sint Maarten in 1972.					
		Fabrication of Organic Light-Emitting Devices, Jennifer Reinig, Junior Physics/Math Major at Drake University, Physics REU: IA State University, Summer 2001					
		The electroluminescence of organic materials; Ullrich Mitschke and Peter Bauerle, Received 2 <sup>nd</sup> November 1999, Accepted 15 <sup>th</sup> February 2000, Published on the Web 6 <sup>th</sup> June 2000.					
EXAMINER					DATE CONSIDERED 1/26/2004		
Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							

Date: August 7, 2003

Form PTO-1449 (REV. 8-83)		US Dept. of Commerce PATENT & TRADEMARK OFFICE		ATTY DOCKET NO. 101050		APPLICATION NO. 09/101,083	
INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary) 				APPLICANTS Satoru MIYASHITA et al.			
				FILING DATE July 8, 1998		GROUP 1773	
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	
		JP 072235378	9/1995	Japan			
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)							
EXAMINER					DATE CONSIDERED 1/26/2004		
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Date: February 6, 2003

Form PTO-1449  
(REV. 8-83)US Dept. of Commerce  
PATENT & TRADEMARK OFFICEATTY DOCKET NO.  
101050APPLICATION NO.  
09/101,083

## INFORMATION DISCLOSURE STATEMENT

(Use several sheets if necessary)

APPLICANT(S): Satoru MIYASHITA et al.

FILING DATE: July 8, 1998

GROUP: 1773

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS
	5,665,857	09/09/97	SHI	528	373
	5,540,999	07/30/96	YAMAMOTO et al.	428	411.1
	5,821,002	10/13/98	OHNISHI et al.	428	690
	6,008,828	12/28/99	FURUKI et al.	347	139
	5,281,489	01/25/94	MORI et al.	428	690
	4,569,305	02/11/86	FERRI et al.		
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	4,792,817	12/20/88	BARNEY		
	5,534,716	07/09/96	TAKEMURA		
	5,645,901	07/08/97	FUKUCHI et al.		
	5,798,626	03/17/98	ALLMAN et al.		
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	5,957,453	05/26/98	SHIN et al.		
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	5,784,132	07/21/98	HASHIMOTO		
	5,989,945	11/23/99	YUDASAKA et al.	438	149
	5,656,826	08/12/97	MISAWA et al.	257	72
	5,274,481	12/28/93	KIM		
	5,399,390	03/21/95	AKINS		
	3,792,308	02/12/74	OTA		
	4,891,110	01/02/90	LIBMAN et al.		
	4,007,462	02/08/77	WETSEL, Jr.	427	157
	6,180,294 B1	01/30/01	SHIBA et al.	349	106
	09/901,095	07/10/01	KIMURA et al.		
	09/901,096	07/10/01	KIGUCHI et al.		
	09/901,126	07/10/01	YUDASAKA et al.		

EXAMINER

DATE CONSIDERED

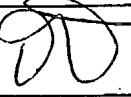
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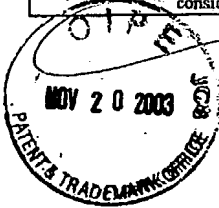
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Date: November 18, 2002

Form PTO-1449 (REV. 8-83)		US Dept. of Commerce PATENT & TRADEMARK OFFICE		ATTY DOCKET NO. 101050		APPLICATION NO. 09/101,083	
INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)				APPLICANT(S): Satoru MIYASHITA et al.			
				FILING DATE: July 8, 1998		GROUP: 1773	
FOREIGN PATENT DOCUMENTS							
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS		
	JP-A-3-102324	04/26/91	Japan				
	JP-A-3-126921	05/30/91	Japan				
	JP-A-4-253033	09/08/92	Japan				
	JP-A-5-105486	04/27/93	Japan				
	JP-A-5-116941	05/14/93	Japan				
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	JP-A-61-78165	04/21/86	Japan				
	JP-A-7-122475	05/12/95	Japan				
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	JP-A-8-32085	02/02/96	Japan				
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	JP-A-6-308312 (w/English abstract)	11/04/94	Japan				
	JP-A-1-140188	06/01/89	Japan				
	JP-A-3-192334 (w/English abstract)	08/22/91	Japan				
	JP-A-6-281917 (w/English abstract)	10/07/94	Japan				
	JP-A-7-134288 (w/English abstract)	05/23/95	Japan				
	JP-A-3-33824 (w/English abstract)	02/14/91	Japan				
	JP-A-10-12377 (w/English translation)	01/16/98	Japan				
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	EP 0 732 868 A1	09/18/96	Europe				
	EP 0 717 439 A2	06/19/96	Europe				
	EP 0 756 932 A2	02/05/97	Europe				
	DE 196 03 451 A1	08/01/96	Germany				
	WO 90/13148	11/01/90	WIPO				
	WO 95/01871	01/19/95	WIPO				
	WO 98/32783	07/30/98	WIPO				
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INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)		APPLICANT(S): Satoru MIYASHITA et al.	
		FILING DATE: July 8, 1998	GROUP: 1773
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)			
		UCHIDA, Masao et al., "Color-Variable Light-Emitting Diode Utilizing Conducting Polymer Containing Fluorescent Dye",	
		Jpn. J. Appl. Phys., Part 2 (1993), 32 (7A), L921-L924 (Chemical Abstract, Vol. 119, No. 16).	
EXAMINER		DATE CONSIDERED	
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Date: November 18, 2002

Form PTO-1449 (REV. 8-83)		US Dept. of Commerce PATENT & TRADEMARK OFFICE		ATTY DOCKET NO. 101050		APPLICATION NO. 09/101,083	
INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)				APPLICANT(S): Satoru MIYASHITA et al.			
				FILING DATE: July 8, 1998		GROUP: 1773	
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	
		5,972,419	10/26/99	ROITMAN			
		6,137,221	10/24/00	ROITMAN et al.			
		2002/0011783 A1	01/31/02	HOSOKAWA			
		5,652,067	07/29/97	ITO et al.			
		5,472,889	12/05/95	KIM et al.			
		5,439,519	08/08/95	SAGO et al.			
		6,180,294 B1	01/30/01	SHIBA et al.			
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	
		0 656 644 A1	06/07/95	Europe			
		0 218 117 A2	04/15/87	Europe			
		DE 42 12 501 C1 (w/English abstract)	08/05/93	Germany			
		0 589 049 A1	03/30/94	Europe			
		0 404 545 A2	12/27/90	Europe			
		JP-A-62-295028 (w/English abstract)	12/22/87	Japan			
		JP-A-6-308212 (w/English abstract)	11/04/94	Japan			
EXAMINER					DATE CONSIDERED		
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Date: November 18, 2002

Form PTO-1449  
(REV. 8-83)US Dept. of Commerce  
PATENT & TRADEMARK OFFICEATTY DOCKET NO.  
101050APPLICATION NO.  
09/101,083

## INFORMATION DISCLOSURE STATEMENT

(Use several sheets if necessary)

APPLICANT(S)  
Satoru MIYASHITA et al.FILING DATE  
July 8, 1998GROUP  
1773

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS

## FOREIGN PATENT DOCUMENTS

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0 550 063 A2	07/07/93	Europe		
JP-A-10-12377. (w/English abstract)	01/16/98	Japan		

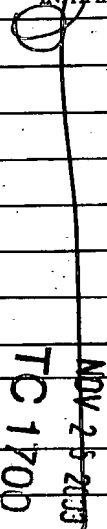
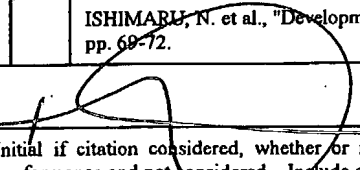
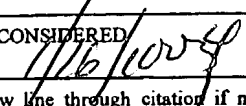
## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)


EXAMINER

DATE CONSIDERED

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Date: May 17, 2002

Form PTO-1449 (REV. 8-83)		US Dept. of Commerce PATENT & TRADEMARK OFFICE		ATTY DOCKET NO. 101050		APPLICATION NO. 09/101,083	
INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)				APPLICANT(S) Satoru MIYASHITA et al.			
				FILING DATE July 8, 1998		GROUP 1773	
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	
 RECEIVED NOV 25 2003 TC 1700		5,132,248	07/21/92	DRUMMOND et al.			
		5,214,350	05/25/93	REMEC et al.			
		5,276,380	01/04/94	TANG			
		5,326,692	07/05/94	BRINKLEY et al.			
		5,593,788	01/14/97	SHI et al.			
		5,610,932	03/11/97	KESSLER et al.			
		5,854,139	12/29/98	ARATANI et al.			
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	
		JP-A-62-31174 (w/English abstract)	02/10/87	Japan			
		JP-A-62-85224 (w/English abstract)	04/18/87	Japan			
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)							
		LEWIS, Richard J., <i>Hawley's Condensed Chemical Dictionary</i> , Thirteenth Edition, 1997, pp. 820 & 900-901.					
		MORRISON, Robert et al., <i>Organic Chemistry</i> , Fifth Edition, 1987, p. 637.					
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EXAMINER					DATE CONSIDERED		
							
Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							

February 15, 2002



Form PTO-1449 (REV. 8-83)	US Dept. of Commerce PATENT & TRADEMARK OFFICE	ATTY DOCKET NO. 101050	APPLICATION NO. 09/101,083
INFORMATION DISCLOSURE STATEMENT  (Use several sheets if necessary)			
NOV 20 2003 PATENT & TRADEMARK OFFICE		APPLICANT(S) Satoru MIYASHITA et al.	
		FILING DATE July 8, 1998	GROUP 1773
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)			
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